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Assistant Secretary
of the Army
(Installations and
Environment)

Extending Installation Sustainability Beyond the Fenceline

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Technology Transition – Supporting DoD Readiness, Sustainability, and the Warfighter

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Extending Installation Sustainability Beyond the Fenceline



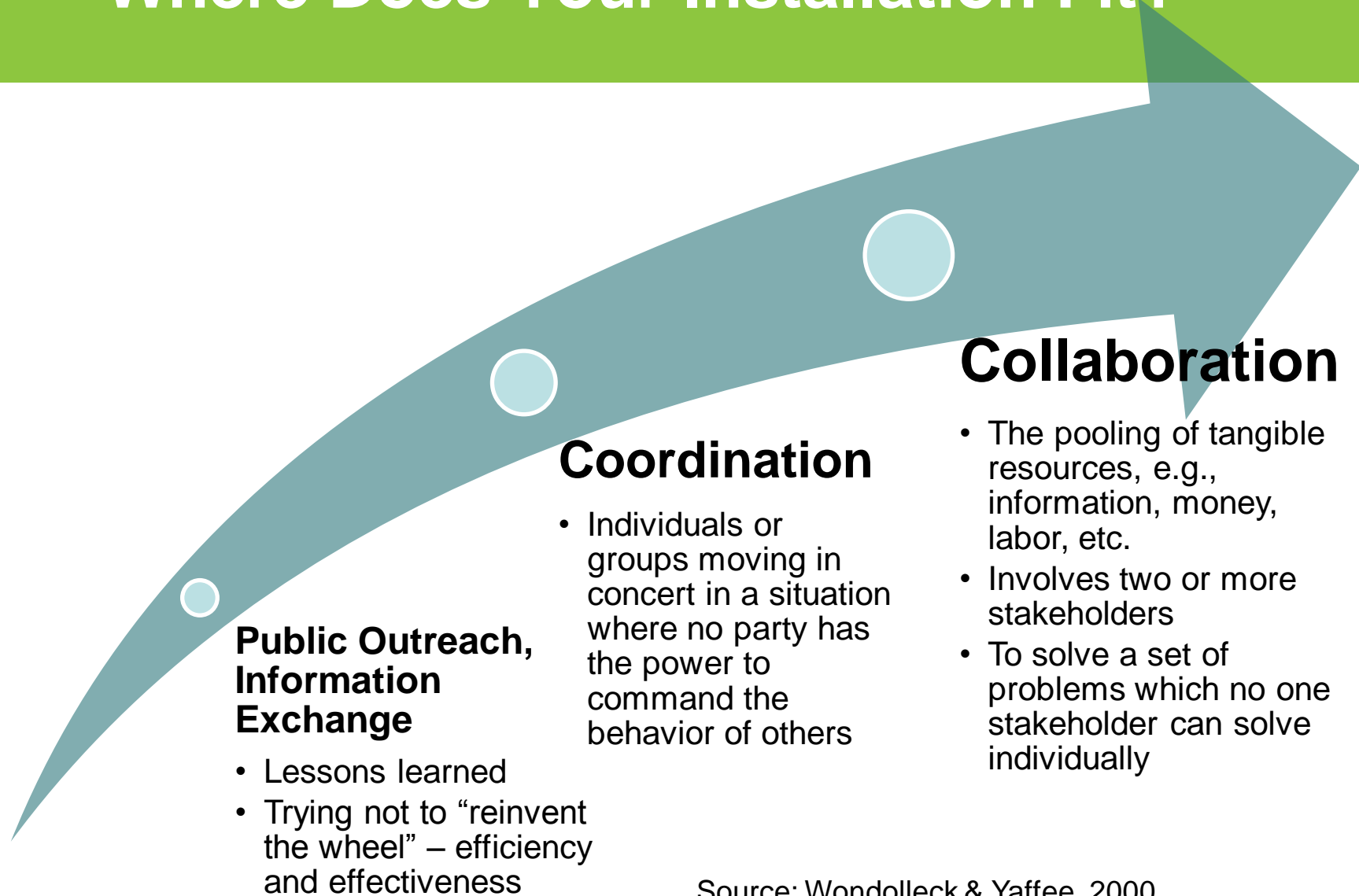
- Sustainability requires more than *outreach*
- Significant challenges involved
- **Case studies provide insight**



Sustainability Drivers

Systems Thinking	Multiple scales; address the problem at the appropriate scale, recognize the linkages
Natural Resource Scarcities	Water supply, water quality, air quality, land, habitat
Encroachment	Compatible land use, threatened & endangered species, safety zones, noise and smoke buffers
Economies of Scale	Drive the market; often markets do not yet exist
Triple Bottom Line Plus	Mission, environment, and community + economics

Where Does Your Installation Fit?



Source: Wondolleck & Yaffee, 2000

Existing Initiatives

Conference

Fort Carson

Fort Benning



Nonprofit/Group

Fort Bragg

San Diego Regional
Partnership

Memorandum of Understanding

Fort Hood



Joint Collaboration

Hawaii

Mojave

SERPPAS

Western Regional
Partnership

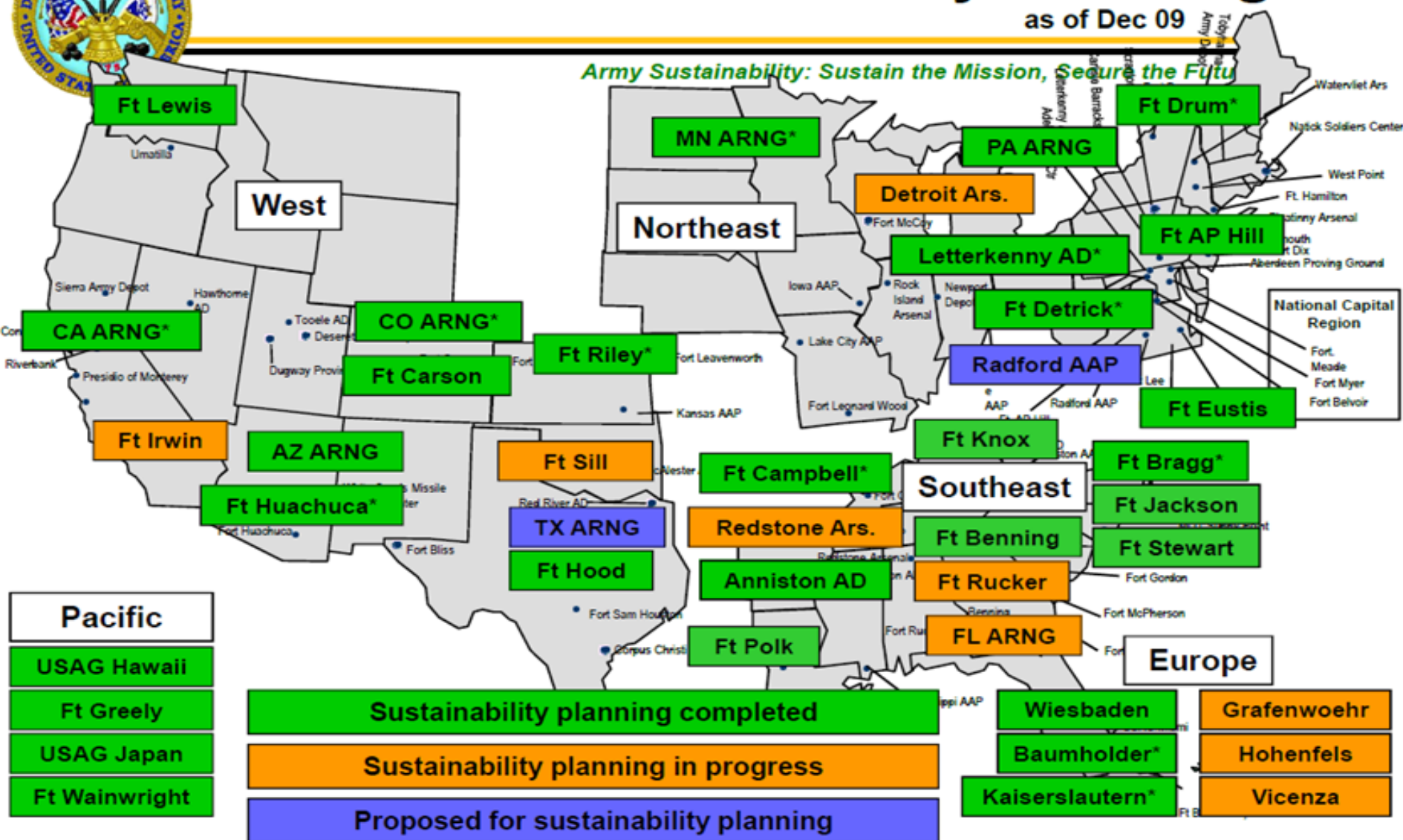




Installation Sustainability Planning

as of Dec 09

Army Sustainability: Sustain the Mission, Secure the Future



Critical Decision Factors

- The nature of the issues
- Maturity of the sustainability program
- Level of external engagement
- Internal and external leadership support
- Relationship with existing community-, regional-, state-, and federal-level organizations
- “Joint” efforts

Nature of Issues

- Cannot be solved 'inside the fence'
 - Water supply
 - Endangered species, habitat
 - Encroachment
 - Solid waste disposal
 - Air quality
- Economies of Scale
 - Urban farming
 - Transportation alternatives



Maturity of the Sustainability Program

- Focus of internal implementation strategies
- Availability of resources
- Internal leadership support
 - Does the installation understand the collaboration that is necessary and have the resources to make a commitment?
 - Is the installation ready to commit to stakeholder goals?

Level of External Engagement

- Level of awareness of community stakeholders
- External leadership support
- Relationship with existing community-, regional-, state-, and federal-level organizations



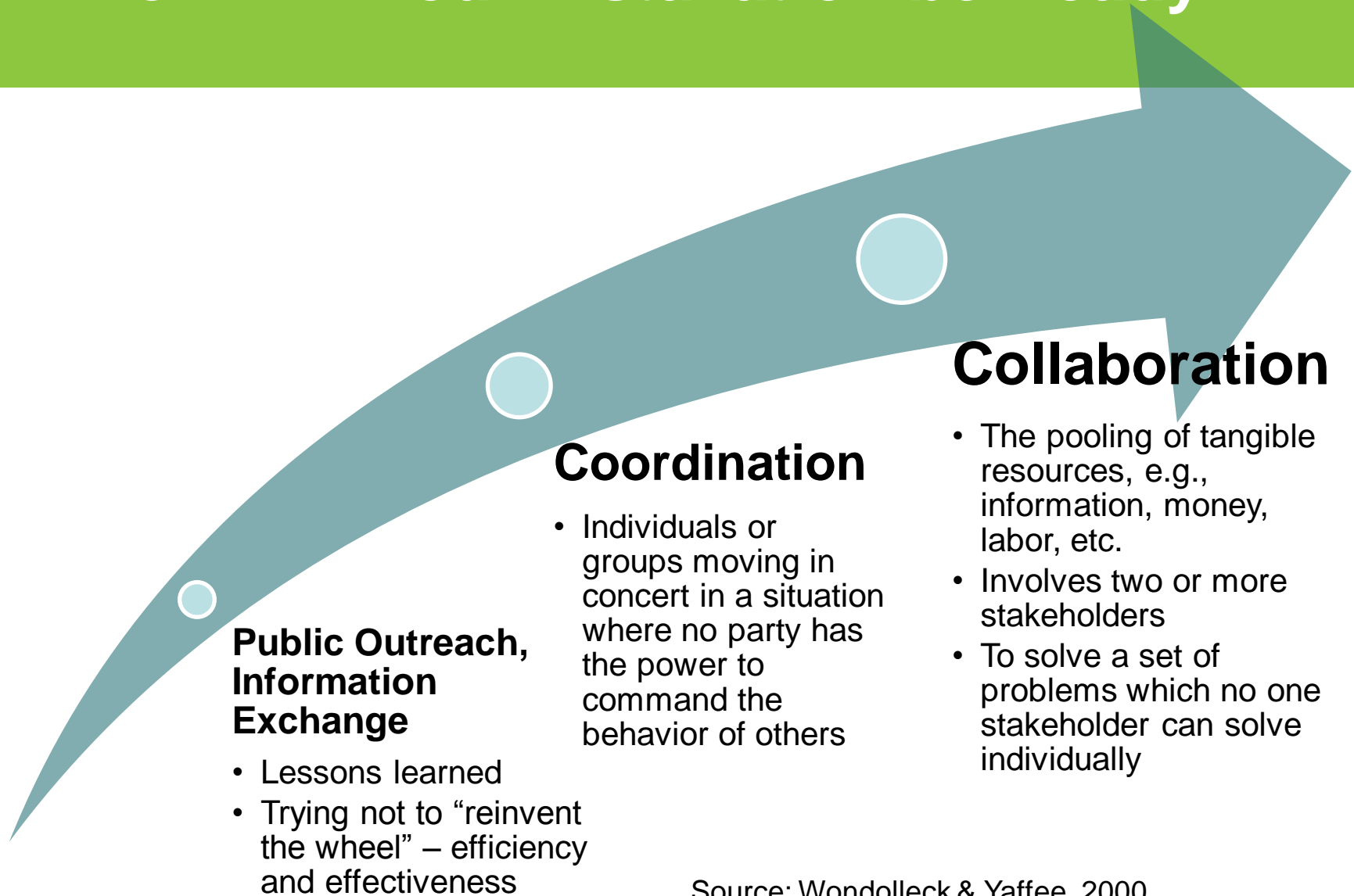
“Joint” Efforts

- Strong relationships should already exist
- Sustainability issues will test proximity
 - Hawaii: for most issues, installations are proximate
 - Mojave: for some issues, installations are proximate
 - State-wide may be too large
 - Must start with understanding of key sustainability issues

Conclusions

- Some sustainability issues are nearly impossible to address without external stakeholders
- Decision for when your installation is ready is complex
- External collaboration is daunting, but the payoff (particularly over the long term) is very high
- Regional Environmental Coordinators and Office of the Secretary of Defense are knowledgeable, willing to help
- Not yet institutionalized
- Persistence and patience

When Will Your Installation be Ready?



Source: Wondolleck & Yaffee, 2000



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